

# Curriculum Vitae

## Personal Data

**Name** : Abdellatif Mohamed Salaheldin  
**Gender** : Male  
**Date of Birth** : April 15 1968  
**Place of Birth** : Cairo, Egypt  
**Nationality** : Egyptian  
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## Professional Carrier:

**2010-present** Professor of Organic chemistry, Faculty of science, Cairo University.  
**2004-2010** Associate Prof. of organic chemistry, Faculty of science, Cairo University.  
**1998-2004** Lecture of organic chemistry, Faculty of science, Cairo University.  
**1993-1998** Assistant Lecture of organic chemistry, Faculty of science, Cairo University.  
**1990-1993** Demonstrator of organic chemistry, Faculty of science, Cairo University.

## Scientific Qualifications :

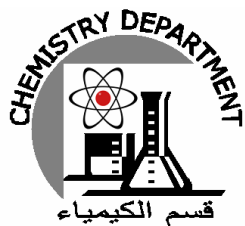
**2003** Diploma of Chemistry and Chemical Engineering, Tokyo Institute of Technology, (T I T) Tokyo, Japan.  
**1998** Ph. D. Organic Chemistry, Louis Pasteur University, Strasbourg, France  
**1993** M. Sc. Organic Chemistry, Faculty of science, Cairo University.  
**1991** Pre-master in Organic Chemistry, Faculty of science, Cairo University.  
**1990** B. Sc. in Chemistry, with Excellent 1<sup>st</sup> grade Honors, Faculty of science, Cairo University.

## Fellowships:

1. -I have been selected for a fellowship at Strasbourg, France from September 1994 to June 1998, to obtain my Ph.D. degree in organic chemistry at « Laboratoire de chimie Microbeen, à la *Faculté de chimie, del'Université* Louis Pasteur de Strasbourg, France ».
2. -UNESCO fellowship, Tokyo Institute of Technology, Tokyo, Japan. (2002-2003).
3. -FCT fellowship, (Fundação para a Ciência e Tecnologia), Minho University, chemistry Department, Braga-Portugal (2007-Dec. 2009).

## Courses taught:

**1990-1994** All laboratory undergraduate courses.  
**1998-present** Natural Products, Heterocycles, Spectroscopy (undergraduate and postgraduate courses).  
**Languages** English, French, Arabic (red and write), Germany, Japanese (little).



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## List of Publication of Dr. Abdellatif Mohamed SALAH EL-DIN

1- «Synthesis of novel thieno(2,3-d)pyrimidine, thieno(2,3-b)pyridine and thiazolo(3,2-a) thieno(2,3-d)pyrimidine derivatives and their effect on the production of mycotoxins ».

Fathy. M. Abelrazek, Abdel-latif. M. Salah and Z. Elbazza, *Arch. Pharm.* **325**, 310 (1992).

2- «Heterocyclic synthesis with nitriles : Synthesis of some novel thiophene and thieno(2,3-d) pyrimidine derivatives.».

Fathy. M. Abelrazek and Abdel-latif. M. Salah, *Phosph. Sulf. and Silicon*, **71**, 93 (1992).

3- «Heterocyclic synthesis with nitriles : Synthesis of some new mercapto-substituted heterocycles from alkylidenemalononitrile.».

Fathy. M. Abelrazek and Abdel-latif. M. Salah, *Bull. Chem. Soc. Jpn.*, **66**, 1722 (1993).

4- «Some reactions with ω-bromoacetophenone : Synthesis of  $\Delta^{\alpha,\beta}$ -butenolide and its transformation into pyrrole derivatives .».

Fathy. M. Abelrazek Z. Kandeel and Abdel-latif. M. Salah, *Heteroatom Chem.*, **6**, 77 (1995).

5- «Heterocyclic synthesis with nitrile ; Synthesis of some novel Furo[2,3-b] nicotinic acid derivatives of anticipated biological activity.».

Fathy. M. Abelrazek and Abdel-latif. M. Salah, *Egypt J. Chem.*, **40**, 105 (1997).

6- «Bacterial Iron Transport: Structure Elucidation by FAB-MS and by 2D NMR ( $^1\text{H}$ ,  $^{13}\text{C}$ ,  $^{15}\text{N}$ ) of pyoverdin G4R, a Peptidic Siderophore Produced by a Nitrogen-Fixing Strain of *Pseudomonas putida*.»

Abdellatif M. Salaheldin.; P. KYSLIK; D. STEPHAN, M. A. Abdallah, *Tetrahedron*, **53**, 12539-12552. (1997).

7- «Bacterial iron-transport:  $^1\text{H}$  NMR determination of the three-dimensional structure of the gallium complex of pyoverdin G4R, the peptidic siderophore of *Pseudomonas putida* G4R »

- R. A Atkinson, **Abdellatif M. Salaheldin**, B. Kieffer, J-F. Lefèvre and M. A. Abdallah, *Biochemistry*, **37**, 15965 (1998).
- 8- “Synthesis and activity of p-azidobenzoyloxyferricrocin, a photoactivable analogue of ferrichrome”.
- Abdellatif M. Salaheldin**, V. Braun and M. A. Abdallah, *Biometals*, **12**, 151 (1999).
- 9- “The reaction of ethyl benzoylacetate with malononitrile : A novel synthesis of some pyridazine, pyridazino[2,3-a]quinazoline and pyrrole derivatives”.
- Fathy M. Abdelrazek, **Abdellatif M. Salaheldin**, and Ahmed E. Makky, *Tetrahedron* (2001), **57**/9, 1813-1817.
- 10- «Further studies on the reaction of ethyl benzoylacetate with malononitrile: Synthesis of some novel pyridine and pyridazine derivatives”.
- Fathy M. Abdelrazek, **Abdellatif M. Salaheldin**, and Ahmed E. Makky, *Tetrahedron* (2001), **57**, 6787-6791.
- 11-“Fused Thiazole from 2-(4-phenyl-3(H)-thiazol-2-ylidene)- Malononitrile: A Novel Synthesis of Thiazolo[3,2-c]Pyrimidine, Thiazolo[3,2-a]Pyridine, Pyrazolo[3,4-d]-1,3-thiazolino [2,3-f] Pyrimidine and Arylazo Thiazolylidene Derivatives”
- Abdellatif M. Salaheldin**, *Sulfur. Letter* (2003), 26(1), 35-41.
- 12-“ Pyridazine, Oxazine, Pyrrole and Pyrrolo[1,2-a]Quinazoline Derivatives from Malononitrile Dimer”
- Abdellatif M. Salaheldin**, *Heteroatom chemistry*. (2003), 14, 612-616.
- 13-“ $\alpha$ -Enones in Heterocyclic Synthesis (part I): Classical Synthetic and Environmentally Friendly synthetic approaches to Alkyl and Acyl azoles and Azines.”
- Mariam El-Shiekh, **Abdellatif M. Salaheldin**, Ebtisam A, Hafez and Mohamed H. Elnagdi, *J. chem Res.* **3**, 174-179 (2004).
- 14-“Studies with Enaminones The reaction of enaminones with aminoheterocycles. A route to azolopyrimidines, azolopyridines and quinolines”
- Sarah Almazroa, Mohamed H. Elnagdi and **Abdellatif M. Salaheldin**, *J. Heterocyclic Chem.* **41**, 267-272 (2004).
- 15-“2-○○○Amino-1,1,3-tricyanopropene in heterocyclic synthesis: novel synthesis of thiopyran pyridinethiones and nicotinonitrile derivatives”
- Abdellatif M. Salaheldin**, *Phosphorus Sulfur and Silicon and related elements*. (2003), **10**, 2215-2223.
- 16- “Synthesis of fluoromethylated materials derived from 2-trifluoromethyl acrylic acid phenyl ester in an ionic liquid”
- Abdellatif M. Salaheldin**, Zhao Yi and Tomoya Kitazume, *J. Fluorine Chemistry*, **125**, 1105-1110(2004).
- 17- “2-Arylhydrazono-3-oxo-propanals in Heterocyclic Synthesis: Synthesis of arylazopyrazole, arylazoisoxazole and dialkyl pyridazine 5,6-dicarboxylate derivatives. New one-step synthesis of arylazopyrimidines.”

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18- "A novel routes to 4-aminopyrazoles and aminopyrazolo[4,3-*b*]pyridins."

**Abdellatif M. Salaheldin**, Taysser A. Abdallah, Naglaa F. Radwan and H. M. Hassaneen, *Z.naturforsch (B)*. **61b**, 1158 – 1161(2006).

19- "Studies With Enamines: Synthesis and Reactivity of 4-Nitrophenyl-1-piperidinostyrene. Synthesis of Pyridazine, Oxadiazole, 1,2,3-Triazole and 4-Aminopyrazole Derivatives."

Taysser A. Abdallah, **Abdellatif M. Salaheldin** Naglaa F. Radwan, *Z. Naturforsch.*, **62b**, 261 – 266 (2007).

20- "N-Bromosuccinimide assisted oxidation of 5-aminopyrazoles: Formation of bis diazenyl derivatives»

**Abdellatif M. Salaheldin**, Ana M.F. Oliveira-Campos, Lígia M. Rodrigues, *Tetrahedron Letters* 48, 8819–8822. (2007)

21- "Synthesis of some novel pyrazolo[3,4-*d*]pyrimidine derivatives»

Ana M. F. Oliveira-Campos, **Abdellatif M. Salaheldin**, Lígia M. Rodrigues, *Arkivoc*, xvi, 92-100 (2007).»

22- "HETEROCYCLIC SYNTHESIS WITH NITRILES: SYNTHESIS OF PYRIDAZINE AND PYRIDOPYRIDAZINE DERIVATIVES.»

**Abdellatif M. Salaheldin**\*, Lígia M. Rodrigues and Ana M. F. Oliveira-Campos  
ECSOC-11, 1-30 November 2007, 11<sup>th</sup> ELECTRONIC CONFERENCE ON SYNTHETIC ORGANIC CHEMISTRY-NOVEMBER 2007.

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23- "Evaluation of antioxidant properties of some pyrazolo[3,4-*d*]pyrimidines derivatives and their effects on mitochondria bioenergetics»

F. Rigueiro, S. Teixeira, **Abdellatif M. Salaheldin**, A. M.F. Oliveira-Campos, L. M. Rodrigues, F. Peixoto, M. M. Oliveira, *Biochim. Biophys. Acta (BBA) - Bioenergetics*, **2008**, 1777, Supplement 1, 19, S62.

24- "Studies with Enaminonitriles : Synthesis and Chemical Reactivity of 2-Phenyl-3-Piperidin-1-yl Acrylonitrile under Microwave Heating»

**Abdellatif M. Salaheldin**, and Maryana K. Alphy, *J. Heterocyclic Chem.* **45**, 307-310 (2008).

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26- "3-Aminopyrroles and their application in the synthesis of pyrrolo[3,2-*d*]pyrimidine (9-deazapurine) derivatives »

**Abdellatif M. Salaheldin**, Ana M.F. Oliveira-Campos, Lígia M. Rodrigues, *Arkivoc*, xiv, 180-190 (2008).

27- "SYNTHESIS OF TACRINE ANALOGUES DERIVED FROM N-ARYL-5-AMINO-4-CYANOPYRAZOLES»

Lígia M. Rodrigues, Carla S. Francisco, Ana M.F. Oliveira-Campos, **Abdellatif M. Salaheldin**, *Synth. Commun.*, 38, 4369-4378 (2008).

28- "Heterocyclic synthesis with nitriles: Synthesis of pyrazolopyrimidine and pyrazolopyridine derivatives»

**Abdellatif M. Salaheldin**, Ana M.F. Oliveira-Campos, Lígia M. Rodrigues, *Synth. Commun.*, 39, 1186-1195 (2009).

29- "Cyanoacetylation of 5-aminopyrazole: Synthesis of 2-(1-Aryl-4-substituted pyrazolo[3,4-*d*]pyrimidin-6-yl)acetonitrile Derivatives »

**Abdellatif M. Salaheldin** *Z. Naturforsch.*, **64b**, 840-846 (2009).

30- "Synthesis of New Tacrine Analogues from 4-Aminopyrrole-3-carbonitrile.»

**Abdellatif M. Salaheldin**, Ana M. F. Oliveira-Campos, Pier Parpota, Lígia M. Rodrigues, M. Manuel Oliveirab, and Francisco P. Feixoto, *Helv. Chem. Acta.* **39**, 242-248 (2010).

31- - " $\beta$ -Enamino Ester in Heterocyclic Synthesis: Synthesis of Pyrazolone, and Pyridinone Derivatives.»

**Abdellatif M. Salaheldin**, Mariam El-Shiekh, • *Molecules*; 15(6):4359-4368 (2010).

32- " Synthesis of 3-indolylazoles and meridianin derivatives from indolyl enamionitriles.»

Ana M. F. Oliveira-Campos, **Abdellatif M. Salaheldin**, Filipe A. Almeida Paz, and Lígia M. Rodrigues, *Arkivoc*, xi, 121-133, (2011).

33- " Enamines in Heterocyclic Synthesis: A Novel Simple and Efficient Route to Condensed Pyridazines»

Elham S. Darwish, Mahmoud A. Abdelrahman, and **Abdellatif M. Salaheldin**, *Z. Naturforsch.*, **66b**, 597 – 602 (2011).

34-« Enaminonitrile in Heterocyclic Synthesis: A Route to 1,3- Diaryl -4- Aminopyrazole Derivatives»

Hanadi Y. Medrasi, Mariam Abdullah Al-Sheikh and **Abdellatif M. Salaheldin**, *Molecules*, 18(1), 535-544 (2013); doi:[10.3390/molecules18010535](https://doi.org/10.3390/molecules18010535).

35-« Studies with Enamines: Route to Aminoazolopyrimidines and Arylazoazolopyrimidines »

**Abdellatif M. Salaheldin**, K. S. Khairou Z. *Naturforsch.* 2013, 68b, 175 – 181 / DOI: 10.5560/ZNB.2013-2252

36-« Enamines in heterocyclic synthesis: Route to aminopyrazolopyrimidines and arylpyrazolopyrimidines derivatives"

Hanadi Yousef. Medrasi, **Abdellatif Mohamed Salaheldin**  
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37-« In vitro antitumor and antioxidant activity of meridianin derivatives synthesized from indolylenaminonitriles under microwave irradiation "

Asma Ahmed. Alarifi, Hanadi Yousef. Medrasi, Hanan Farouk .Ali,

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**SYNTHESIS OF SOME NOVEL PYRAZOLO[3,4-*d*]PYRIMIDINE DERIVATIVES WITH POTENTIAL BIOLOGICAL ACTIVITY.**

**Abdellatif M. Salaheldin**, Lígia M. Rodrigues and Ana M. F. Oliveira-Campos  
**7<sup>th</sup> National Meeting of Organic Chemistry July 16-18, 2007.**

**SYNTHESIS OF TACRINE ANALOGUES DERIVED FROM *N*-ARYL-5-AMINO-4-CYANOPYRAZOLES**

A. Oliveira-Campos, C. Francisco, L. Rodrigues, **A. M. Salaheldin**  
Spain 12-15 Sep. (2007)

**«SYNTHESIS OF NEW TACRINE ANALOGUES FROM 4-AMINOPYRROLE-3-CARBONITRILE»**

**Abdellatif M. Salaheldin**, Ana M.F. Oliveira-Campos, Lígia M. Rodrigues,

1.º Encontro Nacional de Química Terapêutica -SPQ (2008), OPorto (Portugal), de 13 a 15 de Novembro de 2008.

1<sup>st</sup> National meeting on medicinal chemistry, 13-15 Nov. 2008, Porto-Portugal.

**SYNTHESIS OF 3-INDOLYLAZOLES AND MERIDIANIN DERIVATIVES FROM INDOLYL ENAMINONITRILES**

**Abdellatif M. Salaheldin**, Lígia M. Rodrigues and Ana M. F. Oliveira-Campos  
**8<sup>th</sup> National Meeting of Organic Chemistry July 1-3, 2009.**  
Aveiro-Portugal.

**“Biological evaluation of new tacrine analogues from 4-aminopyrrole-3-carbonitrile”,**

Patrícia Silva, Francisco Peixoto, **Abdelattif Salaheldin**, Ana M.F. Oliveira-Campos, Lígia M. Rodrigues and M. Manuel Oliveira

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**Barcelona, 4-6/Out, 2009.**